

A HYBRID ARCHED OVERFILLED STRUCTURE

ABSTRACT

A hybrid arched overfilled structure includes a combination of pre-cast side elements and at least one cast-in-place crown sector element. The side elements are pre-cast generally in a horizontal orientation and subsequently lifted into place. The crown sector element is cast in place between the side elements. In one form of the invention, each of the three sections makes up about one-third of the overall arch span.